

ABSTRACT OF THE DISCLOSURE

A sheet-like separator is so arranged as to cover both surfaces of an electrode plate, and a heating plate is applied 5 along a to-be-bonded edge of the separator, thereby achieving bonding by thermal welding. The heating plate has a width corresponding to a width of a bonded portion of the separator. Then, by pressing a protrusion of the heating plate or a heating plate for cutting against substantially the central part of the bonded portion, local heat transfer takes place to sublime a resin component, whereby the separator is cut off. Thereupon, the pouch-shaped separator is attached to the electrode plate.